

NFA-6/5/89
YSW

NO RCRA
RCRA
5E0401 - A0403

no
haz
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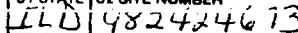
EPA		POTENTIAL HAZARDOUS WASTE SITE PRELIMINARY ASSESSMENT PART 1 - SITE INFORMATION AND ASSESSMENT		I. IDENTIFICATION	
01 SITE NAME (Legal, common, or descriptive name of site)		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER		03 STATE	02 SITE NUMBER
Riskey #1 (landfill)		R.R. #2 (S.W. of Benton, IL)		IL	982424673
03 CITY	04 STATE	05 ZIP CODE	06 COUNTY	07 COUNTY CODE	08 CONG DIST
Benton	IL	62812	Franklin	055	22
09 COORDINATES LATITUDE		LONGITUDE		10 DIRECTIONS TO SITE (Starting from nearest public road)	
375900.0		08857060		West Frankfort Quadrangle	
II. RESPONSIBLE PARTIES					
01 OWNER (if known)		02 STREET (Business, mailing, residential)			
LAND owner Lindell R. Minor		R.R. #3			
03 CITY	04 STATE	05 ZIP CODE	06 TELEPHONE NUMBER		
Benton	IL	62812	6181439-3979		
07 OPERATOR (if known and different from owner)		08 STREET (Business, mailing, residential)			
NOBLE Riskey Jr.		R.R. #1			
09 CITY	10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
Sesser	IL	62884	16181625-6688		
13 TYPE OF OWNERSHIP (Check one)					
<input checked="" type="checkbox"/> A. PRIVATE <input type="checkbox"/> B. FEDERAL: _____ (Agency name) <input type="checkbox"/> C. STATE <input checked="" type="checkbox"/> D. COUNTY <input type="checkbox"/> E. MUNICIPAL <input type="checkbox"/> F. OTHER: <u>contract between operator & county</u> (Specify) <input type="checkbox"/> G. UNKNOWN					
14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)					
<input type="checkbox"/> A. RCRA 3001 DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> B. UNCONTROLLED WASTE SITE (RCRA 103 d) DATE RECEIVED: _____ MONTH DAY YEAR <input type="checkbox"/> C. NONE					
IV. CHARACTERIZATION OF POTENTIAL HAZARD					
01 ON SITE INSPECTION		BY (Check all that apply)			
<input checked="" type="checkbox"/> YES DATE <u>03/07/85</u> MONTH DAY YEAR <input type="checkbox"/> NO		<input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input checked="" type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER: <u>IEPA</u> (Specify)			
CONTRACTOR NAME(S): _____					
02 SITE STATUS (Check one)		03 YEARS OF OPERATION			
<input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN		<u>1974</u> BEGINNING YEAR <u>1980</u> ENDING YEAR <input type="checkbox"/> UNKNOWN			
04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN, OR ALLEGED					
but is suspected to contain paint, varnish and polyester Resin. - solvents & (Persistent, Toxic) - organic & (Soluble) - Heavy metals & (Toxic, Persistent)					
05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION					
Groundwater (Population, Environment) Surface water (Environment)					
V. PRIORITY ASSESSMENT					
01 PRIORITY FOR INSPECTION (Check one if high or medium is checked, complete Part 2 Waste Information and Part 3 Description of Hazardous Conditions and Incidents)					
<input type="checkbox"/> A. HIGH (Inspection required promptly) <input type="checkbox"/> B. MEDIUM (Inspection required) <input type="checkbox"/> C. LOW (Inspect on time available basis) <input checked="" type="checkbox"/> D. NONE (No further action needed, complete current disposition form)					
VI. INFORMATION AVAILABLE FROM					
01 CONTACT		02 OF (Agency/Organization)		03 TELEPHONE NUMBER	
NOBLE Riskey Jr.		LANDFILL operator		16181625-6680	
04 PERSON RESPONSIBLE FOR ASSESSMENT		05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE
JOHN W. Morgan		IEPA	RPMS	12171782-1803	3/7/88 MONTH DAY YEAR

EPA FORM 2070-12 (7-81)

US EPA RECORDS CENTER REGION 5



398996



I HIGHLY VOLATILE
J EXPLOSIVE
K REACTIVE
L INCOMPATIBLE
M NOT APPLICABLE

2.



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE ILL 02 SITE NUMBER 982424673

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED 1-100 04 NARRATIVE DESCRIPTION THE Groundwater at Risley #1
is currently tested using limited inorganic parameters. Because evidence exist
that hazardous waste has been disposed of on site, organic contamination and
heavy metals could exist undetected under the current groundwater monitoring program.
Therefore, through leachate migration, potential groundwater contamination exist.

01 ☒ B SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE 3/15/78) ☐ POTENTIAL ☒ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION
Risley #1 is located 1 mile to the East of the Big Muddy River. On March
15, 1978, a leachate flow was observed entering a stream on site by
IEPA personnel. This stream connects directly to the Big Muddy River.

01 ☐ C CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION
unknown

01 ☐ D FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION
unknown

01 ☒ E DIRECT CONTACT 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION
Risley #1 ceased operations in 1980, but has never been certified
as receiving proper final cover. Therefore, the potential for direct
contact exist.

01 ☒ F CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☒ ALLEGED
03 AREA POTENTIALLY AFFECTED _____ (Acres) 04 NARRATIVE DESCRIPTION
Because the open trench method was used for disposal operations
and evidence that hazardous waste has been disposed of at this site,
through direct contact with the soil and leachate migration, it is highly
probable that contamination has occurred.

01 ☒ G DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE _____) ☒ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED 1-100 04 NARRATIVE DESCRIPTION
Although the primary source
of public drinking water is supplied from Rend lake upstream from the
site, I. S. W. S. records indicate that water wells within the 3 mile radius
exist. Therefore, should the water system from Rend lake not extend to
all Rural Residence, drinking water from wells could be affected.

01 ☐ H WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 WORKERS POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION
unknown

01 ☐ I POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED _____ 04 NARRATIVE DESCRIPTION
unknown



POTENTIAL HAZARDOUS WASTE SITE
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER

ILL 2421673

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

unknown

01 ~~DE~~ DAMAGE TO FAUNA
04 NARRATIVE DESCRIPTION (include name(s) of species)

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

Leachate was observed by IEPA personnel flowing into a stream on site that connects to the Big Muddy River. Therefore, any contamination of the River could have an adverse affect on the fish habitat.

01 ~~DE~~ CONTAMINATION OF FOOD CHAIN
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☒ POTENTIAL

☐ ALLEGED

During a inspection by IEPA personnel August 16, 1983, Soy Beans were observed growing in the cover of the landfill prior to receiving certification for receiving final proper cover.

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES
(Spills runoff standing liquids leaking drums)

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED: _____

04 NARRATIVE DESCRIPTION

unknown

01 ☐ N. DAMAGE TO OFFSITE PROPERTY
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

unknown

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: _____)

☐ POTENTIAL

☐ ALLEGED

unknown

01 ~~DE~~ ILLEGAL/UNAUTHORIZED DUMPING
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE: 7/8/76)

☐ POTENTIAL

☐ ALLEGED

what appeared to be special waste was observed by IEPA personnel on July 8, 1976, on site at Risley #1. The waste originated at Mark Twain Marine in West Frankfort, and was suspected to contain paint, varnish & polyester resin.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

unknown.

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

On March 18, 1988 a off-site reconnaissance was conducted to inspect site security, accessibility, the surrounding habitat and to update site conditions and operational status. (see executive summary)

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis reports)

IEPA/DLPC (Groundwater File) (Sec. II, part A)
IEPA/DLPC (Field office File) (Sec. II, part B, C, E, F, K, L, P)
IEPA/DLPC (Permit File) (Sec. II, part F)
IEPA/DPWS (List of Public Surface water supplies) (John Lamb, Marion IEPA) (Sec. II, Part G)
General Highway County Map (Sec. II, Part G) A USGS Topographic Map (Sec. II, Part B)



DATE: April 14, 1988
TO: Don Josif, USEPA
FROM: John Morgan, IEPA
SUBJECT: Risley #1 Landfill
ILD982424673/Franklin County

Executive Summary

Risley #1, also known as the Franklin County Landfill, is a sanitary landfill located on a forty-acre site in the NE $\frac{1}{4}$ of the SE $\frac{1}{4}$ of Section 23, Township 6 South, Range 2 East in Franklin County. Risley #1 began accepting solid waste for disposal August 1, 1974, and ceased operations on July 30, 1980. During this active time, the landfill was operated by three separate parties.

On August 1, 1974, Lindell Minor of Benton, Illinois leased the land to Jerry Wiggs. Mr. Wiggs, under contract by Franklin County, began disposal operations immediately. On June 12, 1975, after operating the site for almost a year, Mr. Wiggs received an operating permit (no. 1975-10-OP). On October 28, 1976, Mr. Minor leased the site to S & L Sanitation. Under contract by the County, S & L operated the site without a permit until February 28, 1978. At that time, the County, being dissatisfied with S & L's operation, entered into a new agreement with Noble Risley. Mr. Risley began operating the site in March, 1978, just to the east of where S & L and Wiggs had operated, but still on the property of Lindell Minor.

One monitoring well was installed at the site. This well was drilled to a depth of forty-five feet and was completed in saturated sand within the glacial drift. The glacial drift is underlain by Pennsylvanian-Age bedrock which consisted of limestone, sandstone, shale and coal. The screened interval was not reported. The permit required the groundwater to be analytically tested for chloride, iron, sulfate, and residue of evaporation. The following is a list of the chemical parameters and their respective high and low concentrations as detected throughout the monitoring program.

	<u>August 14, 1981</u>	<u>April 3, 1978</u>
1) Chloride	263 mg/l	1456 mg/l
	<u>October 10, 1975</u>	<u>January 21, 1980</u>
2) Iron	0.01 mg/l	47 mg/l
	<u>August, 1974</u>	<u>March 5, 1987</u>
3) Sulfate	110 mg/l	320 mg/l
	<u>August 14, 1981</u>	<u>May 12, 1980</u>
4) R.O.E.	911 mg/l	3249 mg/l

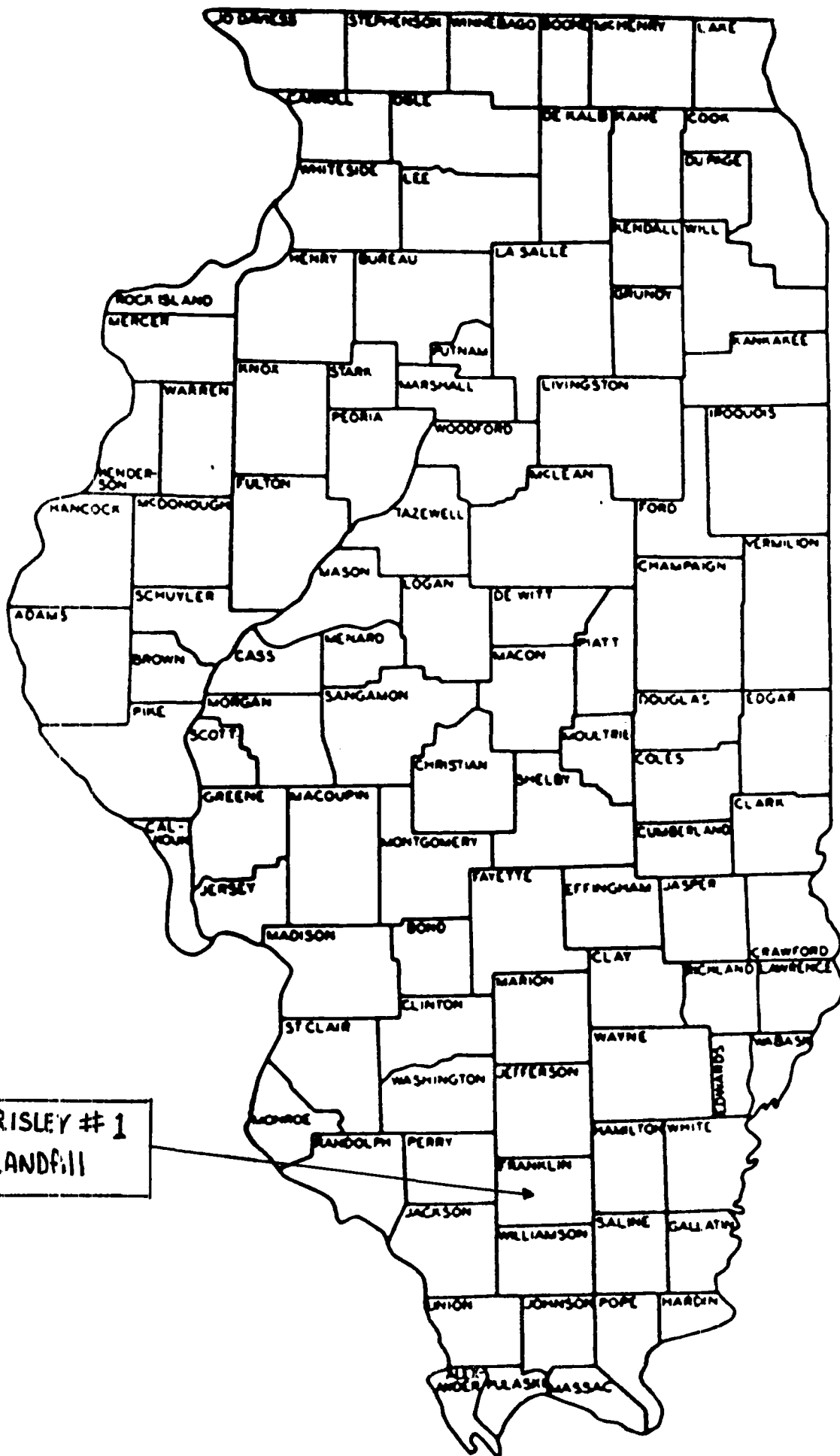
The violation history of Risley #1 has been very active throughout its operation. During a site inspection by IEPA July 8, 1976, it was reported that Risley #1 was accepting hazardous waste without a supplemental permit. The waste reportedly came from Mark Twain Marine in West Frankfort. Although an analysis of the waste constituents was not available, the words "Cook Paint and Varnish" were marked on the side of the barrels. Because of the limited chemical parameters utilized during the groundwater monitoring program, a hazardous waste release into the groundwater could exist virtually undetected. See attached complaint for other alleged violations which occurred at Risley #1.

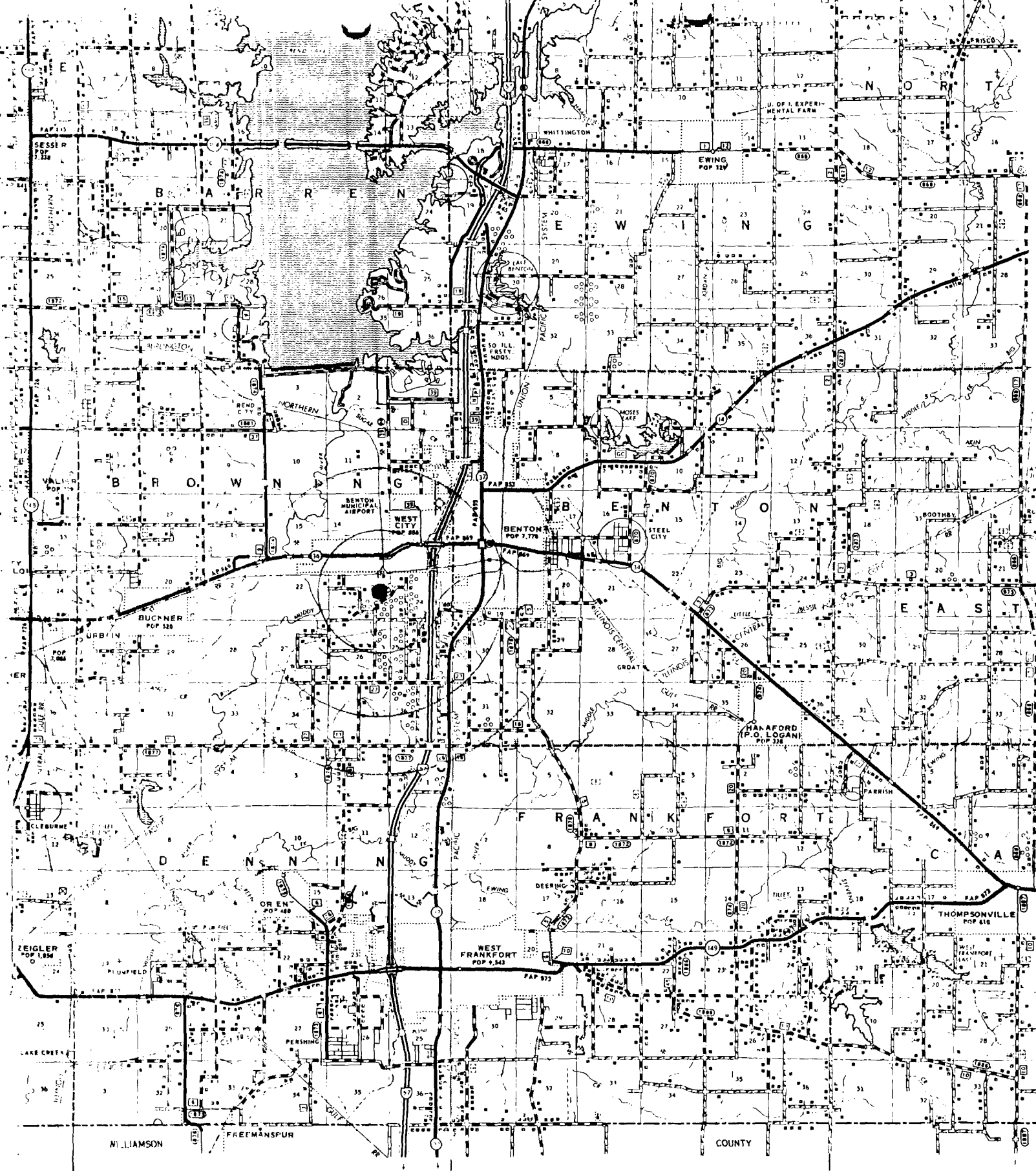
On March 18, 1988, an off-site reconnaissance inspection was conducted to inspect site security, accessibility, the surrounding habitat and to update site conditions and the operational status. The site was not in operation and security consisted of a poorly-constructed wire fence. The landfill itself appeared to be overgrown with vegetation and abandoned for some time. The Big Muddy River is about one mile west, and the area surrounding the site appeared to be agricultural with a few scattered residences near the proximity of the site.

Risley #1 has been assigned a designation with no further action required. This decision was based on the low HRS which was a result of the minimal human consumption of groundwater and the fact that the primary source of public drinking water is supplied from Rend Lake upstream from the site.

JM:kls/7

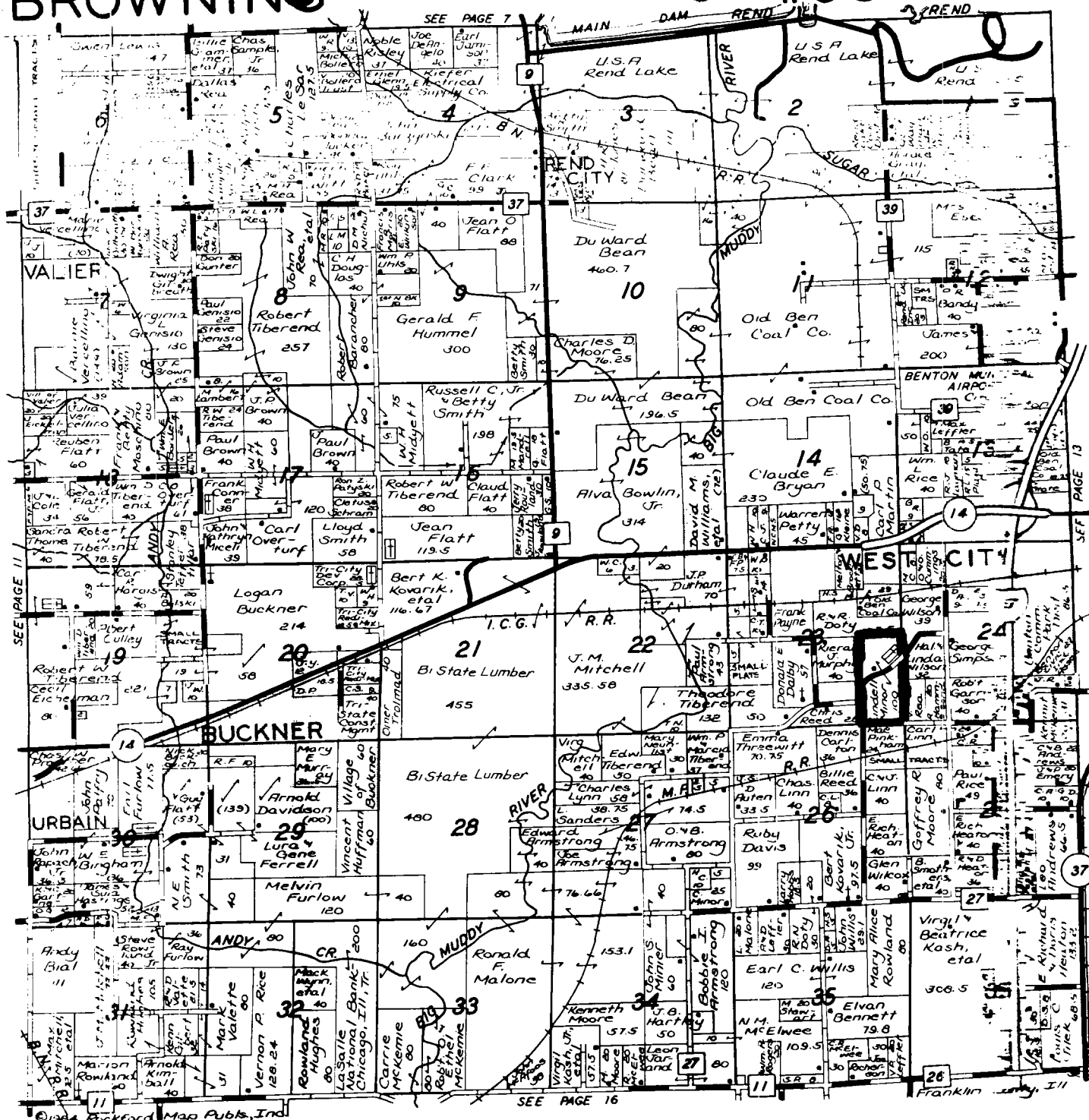
RISLEY #1
LANDFILL





● RISLEY #1

FRANKLIN County
23-T6S-R2E



FRANKLIN County

Production Credit Association

Dennis Miller, Assistant Vice President

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Joel Harres, Assistant Vice President

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